

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A slave apparatus capable of communicating with a master device through a predetermined communication bus and having a plurality of communication modes of diverse kinds, said slave apparatus comprising:

a communication controlling unit operable to select a communication mode from the plurality of communication modes; and

a judging unit of transmitting operable to transmit to said master device a notification code of code for notifying a presently set-up the communication mode presently selected by said communication controlling unit, and then judging judge whether a command in response to said notification code is received from said master device within a predetermined time or not; and not, wherein:

a communicationsaid communication controlling unit of performingperforms control on the basis of a judgment result of said judging unit in such a manner that (1) when-awhen the command in response to said notification code is received from said master device within the predetermined time, a state permitting communication with said master device is established in correspondence to thedetermined based on the received command, and that (2) when said command is not received within said predetermined time, said communication controlling unit electrically releases connection to said master device is electrically released temporarily and then said restores the connection-is restored; wherein; and

by the time when said slave apparatus and said master device resume communication as a result of said restoration of connection, said communication controlling unit selects ~~one from a plurality of said~~a communication mode from the plurality of communication modes so that its ~~own communication~~presently set-up communication mode is changed ~~into one different~~to a different communication mode from that used immediately before said release.

2. - 14. (Cancelled)

15. (Currently Amended) A slave apparatus capable of communicating with a master device through a predetermined communication bus and having a plurality of communication modes of diverse kinds, said slave apparatus comprising:

a communication controlling unit operable to select a communication mode from the plurality of communication modes; and

a judging unit of transmitting operable to transmit to said master device a notification code of notifying a presently set-up for notifying the communication mode presently selected by said communication controlling unit, and then judging-judge whether a command received from said master device in response to said notification code corresponds to said presently set-up ownselected communication mode or not; andnot, wherein:

a-communicationsaid communication controlling unit of performingperforms control on the basis of a judgment result of said judging unit in such a manner that (1) when said command corresponds to the presently set-upselected communication mode, a state permitting communication with said master device is established in correspondence to thedetermined based on the received command, and that (2) when said command does not correspond to the presently set-upselected communication mode, said communication controlling unit electrically releases connection to said master device is electrically released temporarily and then said-restores the connection is restored; wherein; and

by the time when said slave apparatus and said master device resume communication as a result of said restoration of connection, said communication controlling unit selects one from a communication mode from the plurality of said communication modes so that its own-communicationpresently set-up communication mode is changed into one differentto a different communication mode from that used immediately before said release.

16. (Currently Amended) A slave apparatus capable of communicating with a master device through a predetermined communication bus and having a plurality of communication modes of diverse kinds, said slave apparatus comprising:

a communication controlling unit operable to select a communication mode from the plurality of communication modes; and

a communication mode identifying unit ~~of transmitting~~operable to transmit to said master device a notification code for notifying a ~~presently set up~~the communication mode presently selected by said a communication controlling unit, and then ~~identifying~~identify the kind of communication mode corresponding to a command received from said master device in response to said notification ~~code; and~~code,
wherein:

~~a communication~~said communication controlling unit ~~of performing~~performs control such as to change its own communication mode in correspondence to an identification result of said communication mode identifying unit and then establish a state permitting communication with said master device.

17. (Previously Presented) The slave apparatus according to Claims 1, 15 or 16, wherein said predetermined communication bus is a universal serial bus ("USB") type.

18. (Previously Presented) The slave apparatus according to Claim 17, wherein said communication controlling unit performs said release by pulling up or pulling down a voltage applied to a D⁺ or a D⁻ line of said USB.

19. (Previously Presented) The slave apparatus according to Claim 17, wherein said communication controlling unit performs said release by turning OFF a V_{bus} line through which a voltage from said host device is supplied in said USB.

20. (Currently Amended) The slave apparatus according to Claims 1, 15 or 16, wherein ~~a plurality of said~~the plurality of communication modes include at least two modes selected from a mode corresponding to an imaging class, a mode corresponding to a mass storage class, a mode corresponding to a customized class, and a mode corresponding to a streaming class.

21. (Currently Amended) The slave apparatus according to Claim 20, wherein said mode corresponding to a mass storage class among ~~a plurality of said~~the plurality of communication modes is set up as an initial state.

22. (Currently Amended) The slave apparatus according to Claim 17, wherein said USB is embodied as a wire USB cable.

23. (Previously Presented) The slave apparatus according to Claim 17, wherein said USB is embodied as a wireless circuit.

24. (Currently Amended) The slave apparatus according to Claims 1, 15 or 16, comprising a displaying means of displaying unit operable to display information on a communication state including information concerning a communication mode presently set up.

25. (Previously Presented) A digital camera comprising a slave apparatus according to Claims 1, 15 or 16, and

capable of transmitting recorded-by-oneself data recorded by itself to said master device through said communication bus.

26. (Currently Amended) A communication setting method of setting a communication mode in a slave device capable of communicating with a master device through a predetermined communication bus and having a plurality of communication modes of diverse kinds, said method comprising:

performing communication control by using the slave device to select a communication mode from the plurality of communication modes;

~~a judging step of~~ transmitting to said master device a notification code for ~~notifying~~ notifying the communication mode presently set up ~~selected~~ in said slave device, and then judging whether a command in response to said notification code is received from said master device within a predetermined time or ~~not~~; and not, wherein

~~a communication controlling step of performing control~~ said performing communication control is performed on the basis of a judgment result of said judging ~~step~~ in such a manner that (1) when ~~a command~~ the command in response to said notification code is received from said master device within the predetermined time, said slave device is set ~~into~~ to a state permitting communication with said master device ~~in correspondence to the~~ based on the received command, and that (2) when said command is not received within said predetermined time, said slave device

electrically releases connection to said master device temporarily and then restores
~~said connection; wherein the connection; and~~

in said ~~performing communication controlling step~~ control, by the time when
said slave device and said master device resume communication as a result of said
restoration of connection, a communication mode is selected from ~~a plurality of~~
~~said the plurality of~~ communication modes so that ~~its own a presently set-up~~
communication mode of said slave device is changed ~~into one to a~~ different
communication mode from that used immediately before said release.

27. (Currently Amended) A communication setting method of setting a
communication mode in a slave apparatus capable of communicating with a master
device through a predetermined communication bus and having a plurality of
communication modes of diverse kinds, said method comprising:

performing communication control by using the slave apparatus to select a
communication mode from the plurality of communication modes;

~~a judging step of transmitting to said master device a notification code for~~
~~notifying a notifying the~~ communication mode presently ~~set-up~~ selected in said slave
slave apparatus, and then judging whether a command received from said master
device in response to said notification code corresponds to said communication mode
presently ~~set-up~~ selected in said slave apparatus or ~~not; and not, wherein:~~

~~a communication controlling step of performing control~~ said performing
communication control is performed on the basis of a judgment result of said judging
~~step~~ in such a manner than (1) when said command corresponds to the
communication mode presently ~~set-in~~ selected in said slave apparatus, a state
permitting communication between said slave apparatus and said master device is
~~established in correspondence to the~~ determined based on the received command, and
that (2) when said command does not correspond to the communication mode
presently ~~set-up~~ selected in said slave apparatus, said slave apparatus electrically
releases connection to said master device temporarily and then ~~restores said~~ restores
the connection; wherein and

in said ~~performing communication controlling step~~control, by the time when said slave apparatus and said master device resume communication as a result of said restoration of connection, a communication mode is selected ~~from a~~from the plurality of ~~said communication modes so that its own~~a presently set-up communication mode ~~of said slave apparatus is changed into one~~to a different communication mode from that used immediately before said release.

28. (Currently Amended) A communication setting method of setting a communication mode in a slave apparatus capable of communicating with a master device through a predetermined communication bus and having a plurality of communication modes of diverse kinds, said method comprising:

performing communication control by using the slave apparatus to select a communication mode from the plurality of communication modes;

~~a communication mode identifying step of~~ transmitting to said master device a notification code for ~~notifying a~~notifying the communication mode presently set ~~up~~selected in said slave apparatus, and then identifying the kind of communication mode corresponding to a command received from said master device in response to said notification code; ~~and~~code, wherein:

~~a communication controlling step of performing control such as~~said performing communication control is performed to change the communication mode of said slave apparatus in correspondence to an identification result of said ~~communication mode identifying step~~identifying and then establish a state permitting communication with said master device.

29. (Previously Presented) A computer readable recording medium including software that is adapted to control a computer to implement the method of claim 26.

30. (Previously Presented) A computer readable recording medium including software that is adapted to control a computer to implement the method of claim 27.

31. (Previously Presented) A computer readable recording medium including software that is adapted to control a computer to implement the method of claim 28.

32. (Cancelled)

33. (Previously Presented) An information processing apparatus comprising a slave apparatus according to Claims 1, 15 or 16, and

capable of communicating with said master device.

34. (Currently Amended) A digital camera capable of communicating with a master device through a predetermined communication bus and having a plurality of communication modes of ~~divers~~ diverse kinds, said digital camera comprising:

a communication control section ~~of controlling~~ operable to control a communication with said master device by selecting a communication mode from the plurality of communication modes, wherein

said communication control section performs said control in such a manner that said communication control section transmits to said master device a notification code ~~of notifying a presently set-up own~~ for notifying the communication mode presently selected by said communication control section, and then

(A) when a command in response to said notification code is received from said master device within the predetermined time, a state permitting communication with said master device is ~~established in correspondence to the~~ determined based on the received command, and

(B) when said command is not received from said master device within said predetermined time, connection to said master device is electrically released temporarily and then said connection is restored, and by the time when said slave apparatus and said master device resume communication as a result of said restoration of connection, said communication control section selects ~~one from a~~ communication mode from the plurality of ~~said~~ communication modes so that ~~its~~ owns ~~presently set-up~~ communication mode is changed ~~into one to~~ a different communication mode from that used immediately before said release.